

AMENDMENT UNDER 37 C.F.R. § 1.111
Application No.: 10/626,596

Attorney Docket No.: Q76612

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) ~~A~~An interception device including an ~~SIP~~comprising a Session Initiation Protocol (Session Initiation Protocol) proxy server or an MGC (Media Gateway Controller) a Media Gateway Controller to detect information in the ~~signalling~~signaling information being transmitted between two ~~IP (Internet Protocol)~~ Internet Protocol parties and to generate instructions out of the detected ~~signalling~~signaling information for instructing an ~~RTP (Real-time Transport Protocol)~~ a Real-time Transport Protocol proxy server to create channels to bypass a media stream to be intercepted via an intermediate storage medium.

2. (Currently Amended) ~~SIP~~A Session Initiation Protocol interception proxy server to detect information in the ~~signalling~~signaling information being transmitted between two ~~IP (Internet Protocol)~~ parties and to generate instructions out of the detected ~~signalling~~signaling information for instructing an ~~RTP (Real-time Transport Protocol)~~ a Real-time Transport Protocol proxy server to create channels to bypass a media stream to be intercepted via an intermediate storage medium.

3. (Currently Amended) An Interception Media Gateway Controller MGC to detect information in the ~~signalling~~signaling information being transmitted between two ~~IP (Internet Protocol)~~ Internet Protocol parties and to generate instructions out of the detected

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~~signalling~~signaling information for instructing an ~~RTP (Real-time Transport Protocol)~~ a Real-time Transport Protocol proxy server to create channels to bypass a media stream to be intercepted via an intermediate storage medium.

4. (Currently Amended) ~~A Method~~method for performing Session Initiation Protocol (SIP) signaling for a media stream, ~~including the following steps~~the method comprising:

receiving an SIP invite message of a first Internet Protocol (IP) party,

adapting at least one connection parameter in the ~~SIP (Session Description Protocol)~~

Session Description Protocol (SDP) of the received SIP invite message,

transmitting the adapted SIP invite message to a second IP party.

receiving an SIP response message of the second IP party,

adapting at least one connection parameter in the ~~SDP (Session Description Protocol)~~ of the received SIP response message, and

transmitting the adapted SIP response message to the first IP party.

5. (Currently Amended) ~~Method~~The method according to claim 4, wherein at least one connection parameter includes information about a bypass channel, an address, or a port.

6. (Currently Amended) ~~Method~~The method according to claim 4, wherein the connection parameters sent to both IP parties differ from each other.

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7. (Currently Amended) A Computer-computer program embodied on a computer-readable recording medium, said computer program adapted to control a computer to perform a method of Session Initiation Protocol (SIP) signaling for a media stream, the method comprising:
for performing at least part of the steps of the method according to claim 4, including the following steps:

receiving an SIP invite message of a first IP party,

adapting at least one connection parameter in the Session Description Protocol (SDP) of the received SIP invite message,

transmitting the adapted SIP invite message to a second IP party;

receiving an SIP response message of the second IP party,

adapting at least one connection parameter in the SDP of the received SIP response message,

transmitting the adapted SIP response message to the first IP party,

adapting at least one connection parameter in the SDP (Session Description Protocol) of the received SIP invite message;

adapting at least one connection parameter in the SDP (Session Description Protocol) of the received SIP response message;

8. (New) An intercept system for intercepting a first data stream transmitted between a first Internet Protocol (IP) addresses and a second IP address, the intercept device comprising:

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a first server detecting information in the first data stream and generating an instruction based on said information;
a second server creating a channel based on said generated instruction,
wherein said channel bypasses said first data stream through a storage device, and said storage device operates to store a copy of said first data stream.

9. (New) The intercept system according to claim 8, wherein the first server is one of a Session Initiated Protocol proxy server and a Media Gateway Controller.

10. (New) The intercept system according to claim 8, wherein the second server is a Real-time Transport Protocol proxy server.

11. (New) The intercept system according to claim 8, wherein said second server further creating a second channel based on said generated instruction, wherein said second channel bypasses a second data stream, transmitted in the opposite direction as the first data stream, through the storage device, and said storage device operates to store a copy of said second data stream.